Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050720\
Data File : VV015943.D
Acq On : 07 May 2020 16:43
Operator : SY/MD
Sample : MDL05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL05

Manual Integrations APPROVED
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5/8/2020 12:58:21 PM

Quant Time: May 08 05:59:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154446	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149815	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71944	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	39237	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.58	69	37570	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.12	63	64756	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	3.97	46	118896	49.75	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.50%			
24) Chloroform-d	4.38	84	85357	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.06	65	52072	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.07	84	174761	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.09	67	56913	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.34	98	160059	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
45) trans-1,3-Dichloropropene-	7.65	79	19937	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
48) 2-Hexanone-d5	8.12	63	89915	47.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.86%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38951	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	57466	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2771	0.234	ug/L	94
3) Chloromethane	1.24	50	3022	0.252	ug/L	94
5) Vinyl chloride	1.32	62	2742	0.239	ug/L #	67
6) Bromomethane	1.53	94	1663	0.256	ug/L	98
8) Chloroethane	1.59	64	1880	0.230	ug/L	86
9) Trichlorofluoromethane	1.76	101	3519	0.224	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2468	0.278	ug/L	93
12) 1,1-Dichloroethene	2.13	96	2551	0.300	ug/L #	1
13) Acetone	2.28	43	2512m	1.593	ug/L	
14) Carbon disulfide	2.31	76	6193	0.221	ug/L #	95
15) Methyl Acetate	2.48	43	919m	0.252	ug/L	
16) Methylene chloride	2.52	84	3076	0.302	ug/L	90
17) Methyl tert-butyl Ether	2.79	73	5092	0.231	ug/L #	84
18) trans-1,2-Dichloroethene	2.78	96	2199	0.234	ug/L	97
19) 1,1-Dichloroethane	3.21	63	3735	0.206	ug/L #	85
21) 2-Butanone	4.06	43	4534m	1.888	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	2326	0.237	ug/L	90

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	833	0.198	ug/L		92
25) Chloroform	4.41	83	12716	0.638	ug/L		97
27) 1,2-Dichloroethane	5.17	62	3444	0.281	ug/L	#	76
29) 1,1,1-Trichloroethane	4.64	97	3976	0.241	ug/L		93
30) Cyclohexane	4.70	56	3797	0.229	ug/L	#	91
31) Carbon tetrachloride	4.86	117	3105	0.218	ug/L		97
33) Benzene	5.13	78	8885m	0.236	ug/L		
34) Trichloroethene	5.95	95	2427	0.226	ug/L		97
35) Methylcyclohexane	6.15	83	3244	0.199	ug/L	#	85
37) 1,2-Dichloropropane	6.20	63	2392	0.250	ug/L	#	92
38) Bromodichloromethane	6.53	83	2753	0.226	ug/L	#	94
39) cis-1,3-Dichloropropene	7.06	75	2785	0.206	ug/L		94
40) 4-Methyl-2-pentanone	7.26	43	12138	2.034	ug/L	#	90
42) Toluene	7.41	91	9425	0.236	ug/L		95
43) 1,3,5-Trimethylbenzene	10.56	105	7113	0.194	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	6373	0.174	ug/L	#	100
46) trans-1,3-Dichloropropene	7.68	75	2473	0.216	ug/L		94
47) 1,1,2-Trichloroethane	7.87	97	1543	0.241	ug/L		93
49) Tetrachloroethene	8.00	164	1970	0.262	ug/L		91
50) 2-Hexanone	8.17	43	14525	3.441	ug/L		95
51) Dibromochloromethane	8.27	129	1617	0.225	ug/L		94
52) 1,2-Dibromoethane	8.38	107	1428	0.241	ug/L	#	89
53) Chlorobenzene	8.90	112	5938	0.231	ug/L		97
54) Ethylbenzene	9.04	91	9808	0.216	ug/L		97
55) m,p-xylene	9.16	106	3661	0.218	ug/L		86
56) o-xylene	9.57	106	3478	0.216	ug/L		95
57) Styrene	9.59	104	4982	0.185	ug/L		99
58) Isopropylbenzene	9.95	105	8889	0.201	ug/L		95
60) 1,1,2,2-Tetrachloroethane	10.26	83	1892	0.277	ug/L	#	92
62) Bromoform	9.76	173	602	0.182	ug/L	#	87
63) 1,3-Dichlorobenzene	11.21	146	4402	0.227	ug/L		95
64) 1,4-Dichlorobenzene	11.30	146	4927	0.253	ug/L		90
66) 1,2-Dichlorobenzene	11.67	146	4262	0.243	ug/L		89
68) 1,3,5-Trichlorobenzene	12.67	180	3193	0.225	ug/L		95
69) 1,2,4-trichlorobenzene	13.29	180	2784	0.229	ug/L		95
70) Naphthalene	13.53	128	3885	0.201	ug/L		96
71) 1,2,3-Trichlorobenzene	13.77	180	2313	0.215	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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